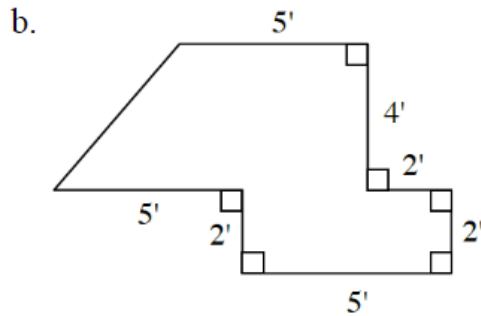
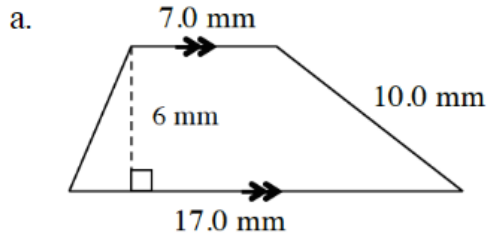


**HINT for #63:**

Divide figures into rectangles and triangles. Use given lengths and Pythagorean Triples or the Pythagorean Theorem to find the missing dimensions. Use exact values, no decimals!! Clearly show all steps.

**6-63.** Calculate the area and perimeter of each polygon below.



**CHECK ANSWERS: #63,66,76,77,84**

-7   -3   -3    $-1 \pm 2i$     $\frac{1}{5}$     $\frac{1}{2}$    2   10.5   11   23.4

30    $34 + 2\sqrt{10}$    36   61.04   70.2   72   94.5   114

No, scale factor is 9

Yes, scale factor is 3